Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 14 Aug 2022 until 23:59 on Monday 15 Aug 2022

Forecast Issued on Sunday 14 Aug 2022 at 03:04

Confidence: High for another hot day Sunday, before a breakdown in the recent very hot weather during the coming week. Very low confidence in any showers on Sunday however. Higher confidence for some showers and thunderstorms Monday and especially Tuesday, but low regarding their extent and timing. Good confidence as well, for more benign but cooler conditions Wednesday. Confidence becomes Low by Thursday, with the extent of cloud and any rain later in the day.

Headline for Sunday 14 Aug 2022: A hot day with strong sunshine. Low chance of the odd shower.

Mountain weather hazards on Sunday 14 Aug 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
00%	00%	<05%	10%	10%	10%

Forecast for Sunday 14 Aug 2022

Weather: A hot day, with sunny spells. Low risk of an isolated thundery shower during the afternoon or evening. Where, and if these occur, they could include hail and torrential downpours, leading to some adverse conditions developing.

Chance of cloud-free hill tops above 600m: Greater than 95%

Low cloud and visibility: Perhaps the odd patch of morning mist in valleys, clearing quickly after dawn. Good to very good views from all summits. Visibility reducing to poor to very poor in any heavy showers that occur.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Sunday 14 Aug 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/18 SE	10/14 SE	8/11 SE	7/9 E	7/11 E	12/18 SE	11/17 SE
300	4/5 NE	6/8 E	7/10 SE	4/7 SE	5/8 NE	6/14 E	7/11 NW
Valley	5/9 E	6/9 E	5/8 SE	6/9 SE	4/8 NE	7/13 E	5/10 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/19	21/19	23/22	24/23	24/23	22/19	21/19
300	21/21	24/23	27/25	28/27	26/26	23/22	21/20
Valley	20/19	25/24	28/28	28/28	26/27	23/22	21/20
Freezing Level*	3200m	3200m	3200m	3300m	3200m	3300m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A hot day, with the main risks from dehydration and high UV. Appropriate sun protection will be required, along with plenty of fluids. Potential to be caught by a thunderstorm, especially later in the day, so be prepared to descend from exposed ground and change routes at short notice.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 14 Aug 2022	0mm	0mm	0mm

Forecast for Monday 15 Aug 2022

Weather: Isolated slow-moving showers, perhaps heavy and thundery. These have the potential to combine into a period of more persistent heavy rain. Otherwise a mixture of sunshine and occasional cloud. Remaining warm and humid, but a little cooler than recent days.

Maximum wind: Southerly 10mph gusting 15-20mph.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: No cloud expected below summit level at first, but it may form later in the day in association with showers, and perhaps obscuring the odd route above 600m. Good visibility, but poor in showers.

Temperature: **Valleys:** Plus 13 Celsius becoming Plus 26 Celsius
At 600m: Plus 13 Celsius becoming Plus 21 Celsius
Freezing level: Above the summits.

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